

## Download and Installation Instructions for the Dambreak Catalog and Analysis Application Data

This document lists the steps for downloading the data for the Dambreak Catalog and Analysis tool. These data should be downloaded as a post-install step in the AWIPS OB2 installation process.

(1) From a HP graphics workstation, open a telnet window, and login to the DS1 as oper.

```
rlogin ds1 -l oper
```

If the oper user password is unknown, the user can login in as root, and switch user to oper, using the su command:

```
su - oper
```

(2) Go to the /awips/hydroapps/ihfsdb\_conversion directory.

```
cd /awips/hydroapps/ihfsdb_conversion
```

(3) Connect to the NOAA1 ftp server by entering the command:


```
ftp 165.92.25.15
```

Once you are connected to the NOAA1 ftp server, login as user ftp, with your email address as the password, e.g.  
john.doe@noaa.gov.

(4) Get the national data and other files from the NOAA1 ftp server by entering the following sequence of commands (the parenthetical phrases are comments and not commands):

```
binary
prompt (use this only if you don't want to get prompts for
each file)
cd /pub/ohd/damcat_data
cd xxx (where xxx is your office identifier)
mget *.* (this should transfer 6 *.unl files)
cd ../scripts
mget * (this should transfer 2 script files)
bye
```

(5) Delete the existing data from the database. This data is sample data for the Utah forecast area. Both the delete operation and the load operation listed in the next step operate on the

database named in the token (damcat\_db\_name) specified in the /awips/hydroapps/.Apps\_defaults\_site file. This database name should have been set to dc\_ob2xxx as part of the automated OB2 installation process, where xxx is the local AWIPS office identifier. (If set to "sss", double click icon  for explanation.)

Before deleting the user will need to adjust the permissions on the 8 files (6 .unl and 2 scripts):

```
chmod 777 *.unl
chmod 777 delete_damcat_data
chmod 777 load_damcat_data
```

To delete the data, enter the command:

```
delete_damcat_data
```

There should be messages that echo the database name, followed by message that ## rows were deleted for each of the tables being considered. Although there are 6 tables being purged, one of the tables (damcat\_elev) is usually empty, so the message will indicate that 0 rows were deleted, which does not indicate an error.

(6) Load the new data into the database by entering the command:

```
load_damcat_data xxx
```

The xxx is the office identifier, which should match the suffix used for the 6 data files to be loaded. Normally, this also matches the name of the database to which the data are loaded; the database name is retrieved automatically from a damcat\_db\_name token definition.

Upon running this script, there should be messages that echo the database name, followed by messages indicating that ## rows were loaded. Although there are 6 tables being loaded, one of the tables (damcat\_elev) is usually empty, so the message will indicate that 0 rows were loaded, which does not indicate an error.

(7) After verifying that the data are properly loaded, the downloaded files can be deleted, as they occupy approximately 1-2 Megabytes. The data load process can be verified by executing the DamCat application and checking that the list of dams is populated in the main window. Then select a sample dam and view the information for the dam.